

# INTERNATIONAL SEARCH REPORT

Int l Application No  
PCT/GB2004/002221

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E06B3/70 B32B31/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E06B B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 253 530 B1 (TIMBROOK ROBERT L ET AL) 3 July 2001 (2001-07-03) figure 50 column 33, line 27 - column 36, line 25	1-5, 12
X	US 4 294 055 A (ANDRESEN DONALD D) 13 October 1981 (1981-10-13) column 2, line 52 - column 7, line 18 figures	1-5, 12
X	DE 296 16 671 U (CHRISTMANN & PFEIFER GMBH & CO) 23 October 1997 (1997-10-23) page 4, line 23 - page 6, last line figures	1-5, 12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

23 September 2004

Date of mailing of the international search report

01/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Verdonck, B

# INTERNATIONAL SEARCH REPORT

- information on patent family members

Int'l Application No  
PCT/GB2004/002221

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6253530	B1	03-07-2001	NONE	
US 4294055	A	13-10-1981	JP 51000747 A	06-01-1976
DE 29616671	U	23-10-1997	DE 29616671 U1	23-10-1997
			AT 210239 T	15-12-2001
			DE 59705605 D1	17-01-2002
			EP 0794312 A1	10-09-1997